

REMARKS

Amendments have been made to the specification in order to place the application in conformance with standard United States Patent practice.

Claims 6, 7, 9 and 10 have been amended to eliminate the multiple dependencies and to conform the claims to standard United States patent practice. New claims 11-28 have been added to further define the invention.

Examination and allowance of pending claims 1-28 are respectfully requested.

Respectfully submitted,

WEBB ZIESENHEIM LOGSDON
ORKIN & HANSON, P.C.

By



Kent E. Baldauf, Reg. No. 25,826
Attorney for Applicants
700 Koppers Building
436 Seventh Avenue
Pittsburgh, PA 15219-1818
Telephone: 412/471-8815
Facsimile: 412/471-4094

00000000000000000000000000000000

MARKED-UP AMENDED CLAIMS

6. (Amended) The hard coat film according to Claim 4 [or 5], wherein said weather-resistant resin film contains an ultraviolet absorber.

7. (Amended) The hard coat film according to Claim 4 [or 5], wherein said weather-resistant resin film is made of polycarbonate or polymethyl methacrylate.

9. (Amended) The hard coat film according to [any one of Claims 1 to 8] Claim 1, wherein a releasing sheet is provided via an adhesive layer on a side made of said multi-layered base opposite to a side provided with said silicone-based hard coat layer.

10. (Amended) The hard coat film according to [any one of Claims 1 to 9 used] Claim 1 for [being stuck] application on [the] external surfaces[, e.g., those] of window panes or plastic boards for windows.

00000000000000000000000000000000

MARKED-UP AMENDED SPECIFICATION HEADINGS AND PARAGRAPHS

Page 1, first complete paragraph

The present invention relates to a novel hard coat film, more particularly a hard coat film having excellent [in] resistance to impact and weather, and suitable for being stuck on external surfaces, in particular those of window panes and plastic boards for windows.

Page 1, second complete paragraph

It is known to apply plastic [Plastic] films [have been used to be stuck] on window panes and plastic boards for windows for various purposes. For example, sunlight entering a room through a window pane contains ultraviolet and infrared rays, in addition to visible [ray] rays. The ultraviolet [ray] rays in sunlight causes sunburn. Its adverse effects on a human body have been recently pointed out, and it is well known that it deteriorates a packing material and content thereof. The infrared [ray] rays in sunlight, on the other hand, [increases] increase temperature in a room by direct sunlight, lowering an air-conditioning effect in summer. In order to avoid these undesirable effects, window panes and plastic boards for windows are covered with an ultraviolet- or infrared-shielding film. They are also frequently covered with a film for view-obstructing purposes, or for preventing fragment scattering when the window pane is broken by a hazard, e.g., earthquake. The above films for shielding ultraviolet or infrared [ray] rays, or for view obstruction also have an effect of preventing fragment scattering.

Page 2, first complete paragraph

More recently, use of the above-described plastic films has been studied, to protect window panes of vehicles running at a high speed. For example, a train generates a high wind pressure when it is passing through a tunnel, thus blowing off pebbles and snow blocks which may directly attack the train's window panes. The plastic film for preventing the above

troubles is especially required to be highly [resistance] resistant to impact, and also to be highly resistant to weather because it is put in service continuously under severe conditions.

Page 4, first complete paragraph

[It is an object of] In order to solve the above problems, the present invention [to provide] provides a preferably transparent hard coat film having excellent [in] resistance to impact and weather[,] and high [in] surface hardness, [and in particular] which is particularly suitable for [being stuck] application, as by sticking on [the] external surfaces, [e.g., those of such as, for example, on window panes or plastic boards for windows[, in order to solve the above problems].

Page 4, second section heading

[Summary of the Invention] SUMMARY OF THE INVENTION

Page 5, second and third complete paragraphs

The hard coat film of the present invention is suitably used [for being stuck] by sticking the hard coat film on the external surfaces, e.g., those of window panes and plastic boards for windows.

The hard coat film of the present invention, having the above-mentioned unique structure, is resistant to impact and weather, high in surface hardness, and in particular suitable for [being stuck] application on [the] external surfaces[, e.g., those] of window panes or plastic boards for windows.

Page 6, first section heading

[DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS]

DETAILED DESCRIPTION OF THE INVENTION

Page 6, second complete paragraph

The present invention will be described [more concretely] in detail below.

095432 - 09220

Page 6, fourth complete paragraph

The multi-layered base for the present invention may be a laminated film of the same resin films or different resin films. The number of these films is not limited, so long as two or more [of] films are used.

Page 19, first complete paragraph

[The] It will, thus, be understood that the hard coat film of the present invention, having the above-mentioned unique structure, is resistant to impact and weather, high in surface hardness, and in particular suitable for being stuck on the external surfaces, e.g., those of window panes or plastic boards for windows.

Page 22, first and second complete paragraphs

The polyethylene terephthalate film surface of Material 2 was [provied] provided with [a] an 8 μm thick acrylic-based adhesive layer, on which the 50 μm thick polyethylene terephthalate film (the same as that described above) was attached in the same manner, to prepare the laminated film. This laminated film is referred to as Material 3.

The same procedure was repeated to form [a] an 8 μm thick acrylic-based adhesive layer, on which the 50 μm thick polyethylene terephthalate film (the same as that described above) was put in the same manner, to prepare the laminated film. This laminated film is referred to as Material 4.

MARKED-UP VERSION OF THE ABSTRACT OF THE DISCLOSURE

[It is an object of the present invention to provide a] A hard coat film is provided, having excellent [in] resistance to impact and weather, and high [in] surface hardness, [and in particular] which is suitable for [being stuck] application on the external surfaces, e.g., those of window panes or plastic boards for windows. In the hard coat film [of the present invention], a silicone-based hard coat layer is provided on one side of a multi-layered base composed of a plurality of the same or different laminated resin films [laminated].